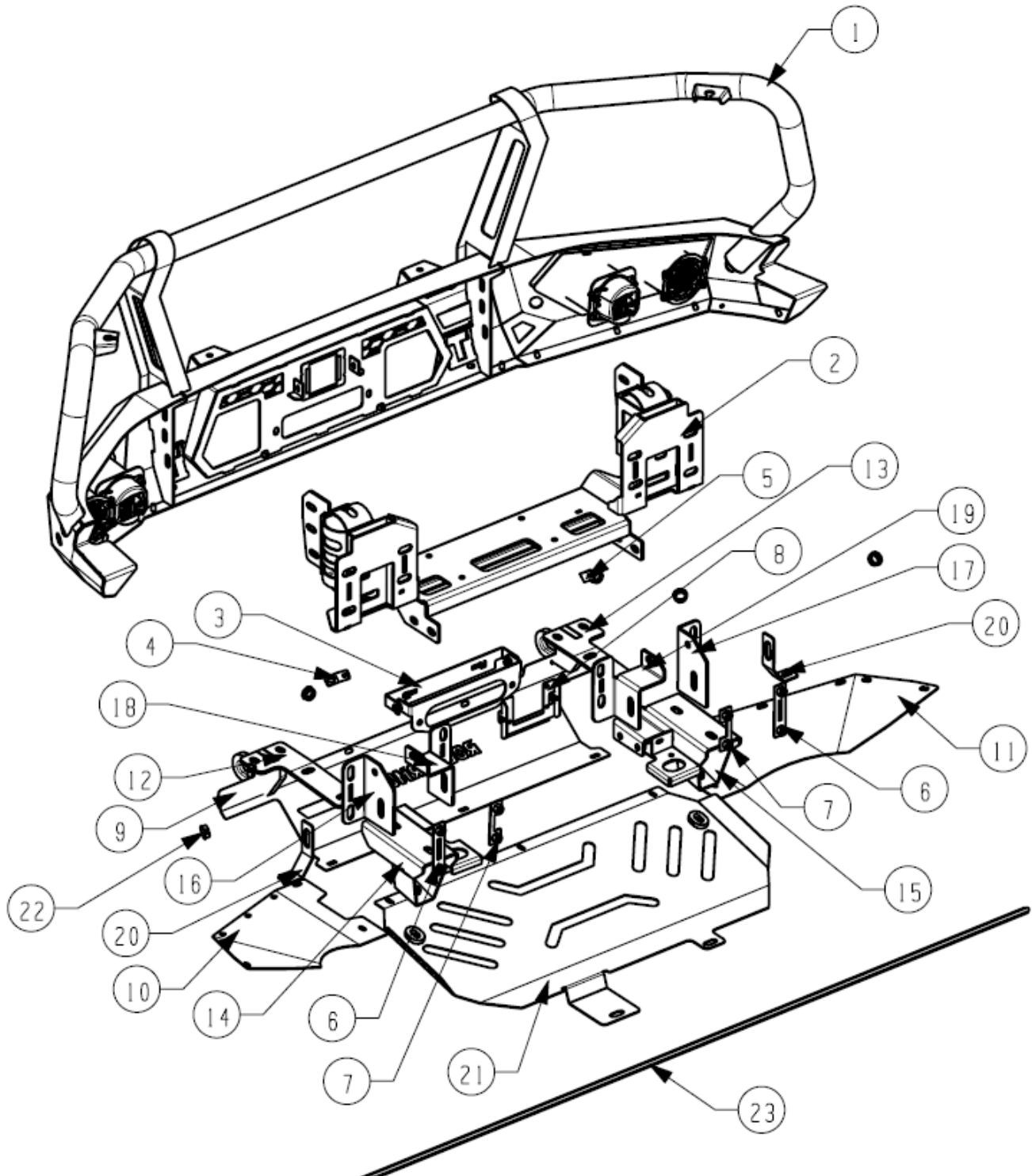


ROCKARMOR Fitting instruction

Description:	GT Bull Bar For 2023+ Ranger Raptor
Model:	2023 Ranger Raptor
Item NO.:	WS000103&WS000133



ROCKARMOR Fitting instruction

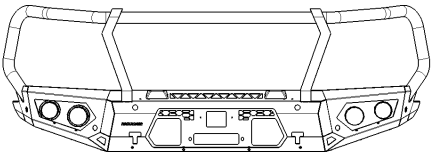
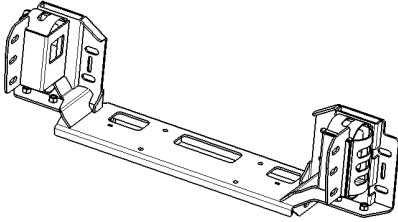
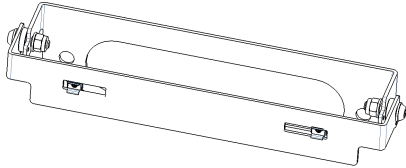
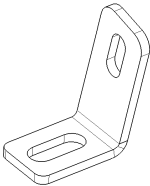
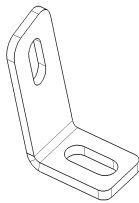
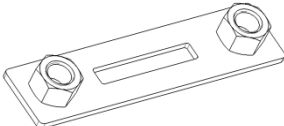
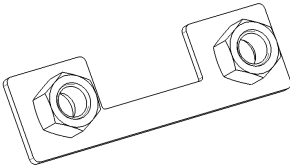
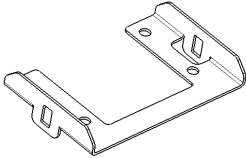
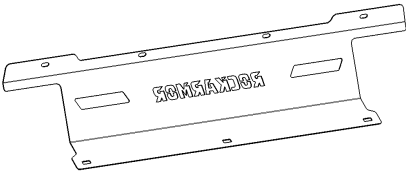
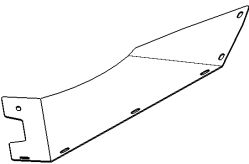
Note:

- 1) This bull bar cannot be installed onto other vehicles , in addition to the manufacturer special instructions
- 2) Do not remove label on the bar.
- 3) Do not change the structure of bull bar.

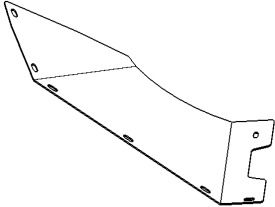
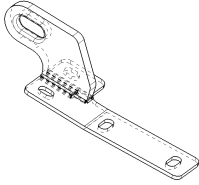
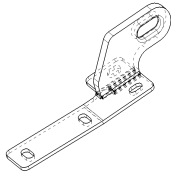
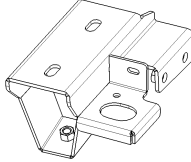
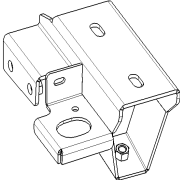
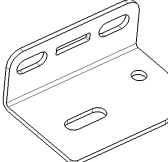
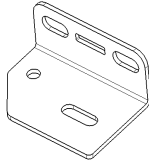
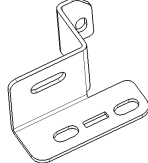
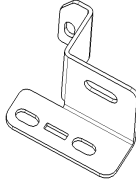
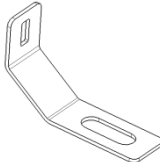
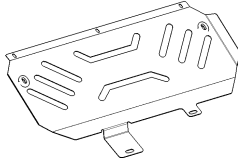
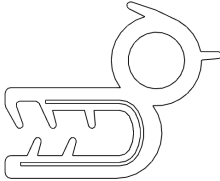
Standard locking torque

M6 - 11Nm | M8 - 18Nm | M10 - 80 Nm | M12 - 90 Nm | M16 - 90 Nm

Bom list

Item	Description	Qty	Item	Description	Qty
1	 Bull bar assemble	1	2	 Winch Frame	1
3	 Licence Plate Holder	1	4	 strip light mounting bracket (LH)	1
5	 strip light mounting bracket (RH)	1	6	 M12 Nut plate -1	2
7	 M12 Nut plate -2	2	8	 ACC bracket	1
9	 Middle bash plate-top	1	10	 bash plate (LH)	1

ROCKARMOR Fitting instruction

11		1		12		1
	bash plate (RH)				Tow hook (LH)	
13		1		14		1
	Tow hook (RH)				Under bracket (LH)	
15		1		16		1
	Under bracket (RH)				outside bracket (LH)	
17		1		18		1
	outside bracket (RH)				Inside bracket (LH)	
19		1		20		1
	Inside bracket (RH)				Lower guard bracket	
21		1		22		1
	Middle bash plate-bottom				Pinch mould (2200mm)	

ROCKARMOR Fitting instruction

Item	Description	Qty				
23	Cage Nut M6	7				
24	Hexagonal head bolt M10X40	4				
25	Hexagonal head bolt M12X110	2				
26	Hexagonal head bolt M12X40	30				
27	Hexagonal head bolt M6X20	25				
28	Hexagonal head Nut M12X1.75	10				
29	Hexagonal head Nut M6X1	2				
30	Dome Head Bolt M10X30	2				
31	Dome Head Bolt M6X16	2				
32	Nyloc Nut M10X1.5	2				
33	D6x18 Washer	29				
34	D10x20 Washer	8				
35	Spring Washer D10	4				
36	Spring Washer D12	32				
37	Spring Washer D6	27				
38	D12x32_3 Washer	42				
39	Flange nut M6X1	2				

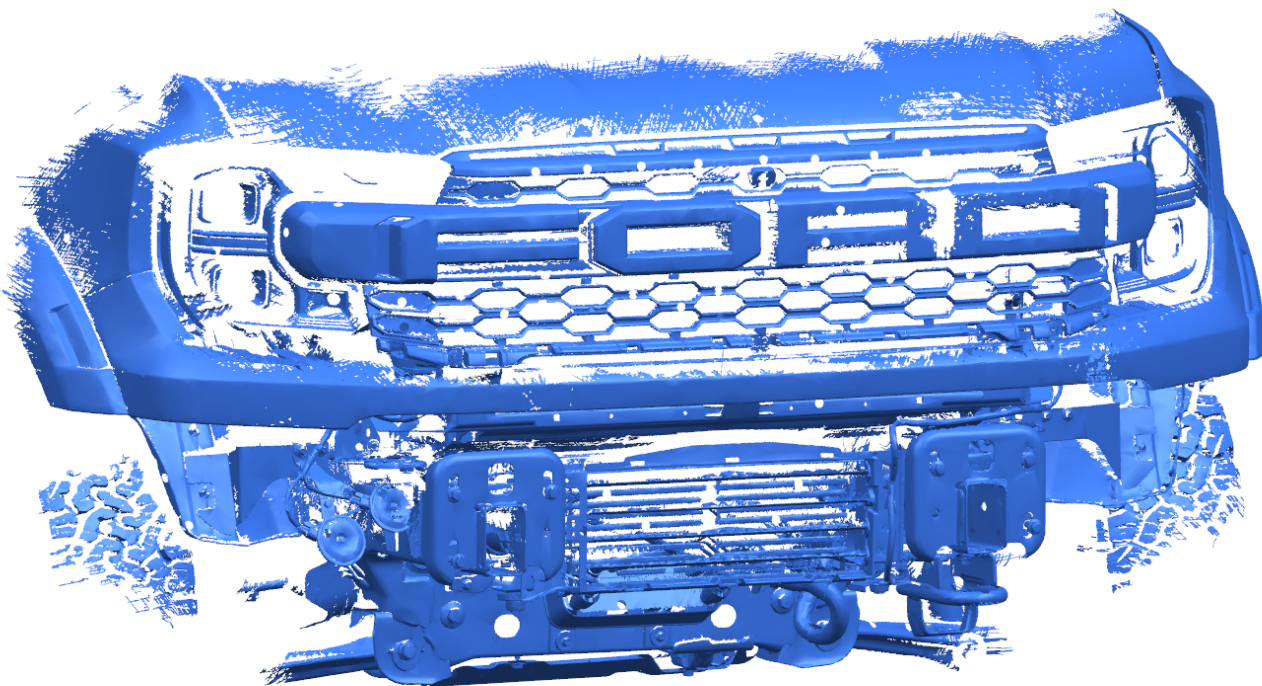
ROCKARMOR Fitting instruction

1. Installation Steps:



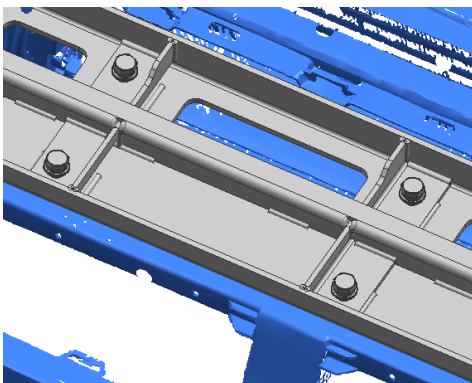
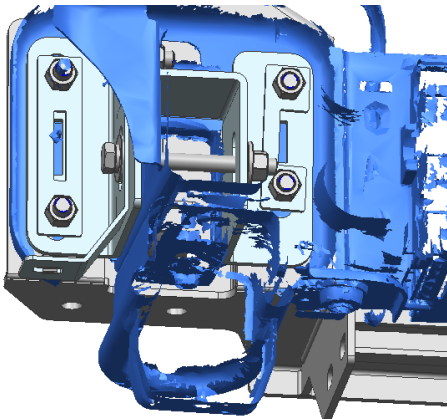
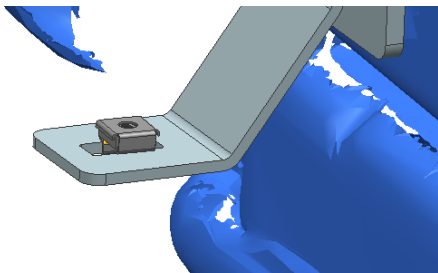
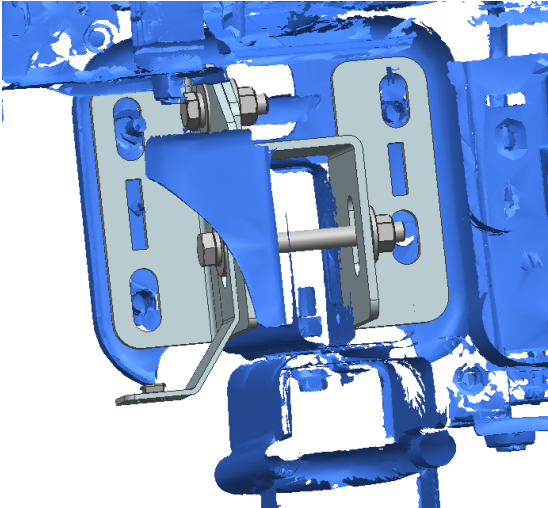
Remove front surround

拆除车身前包围及中网，如下图所示



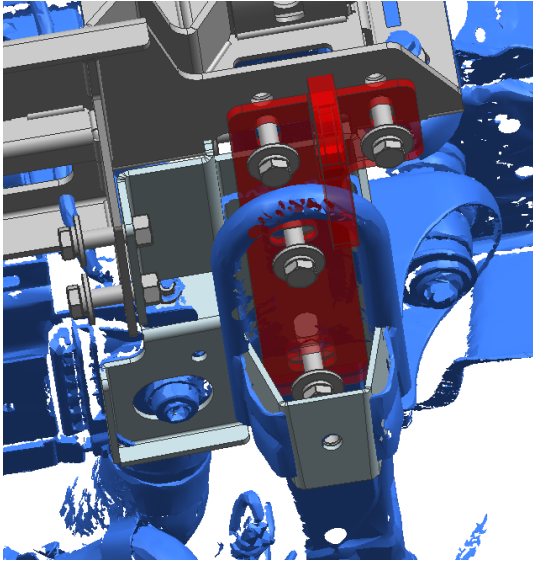
ROCKARMOR Fitting instruction

2. Chassis Mount: item 2&6&7&16&17&18&19&20(LHS)

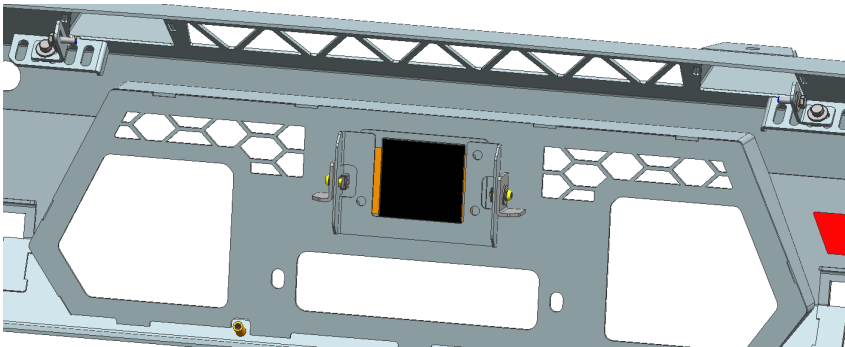


ROCKARMOR Fitting instruction

3. Install Item 12&13&14&15

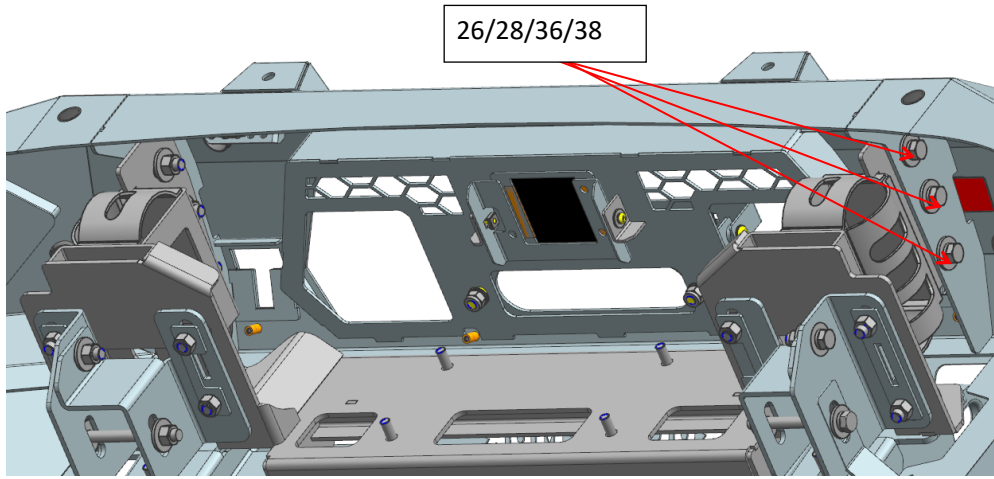


4. Install Item 4&5&8



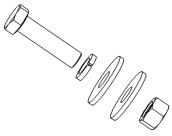
5. Install item 1

ROCKARMOR Fitting instruction

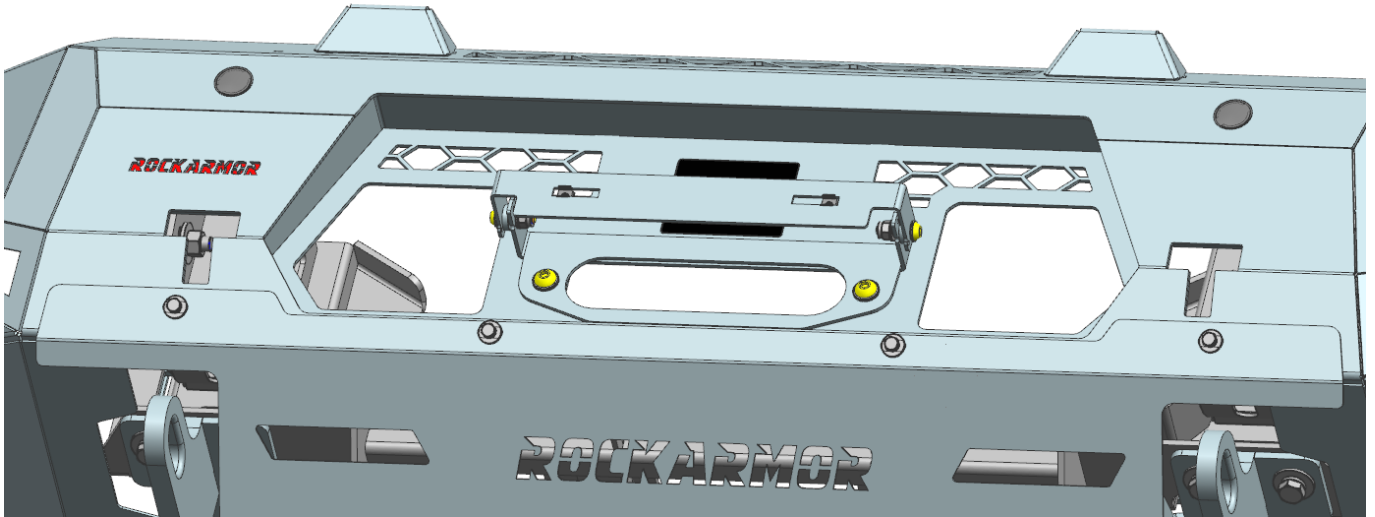


Item 26/28/36/38 (6)

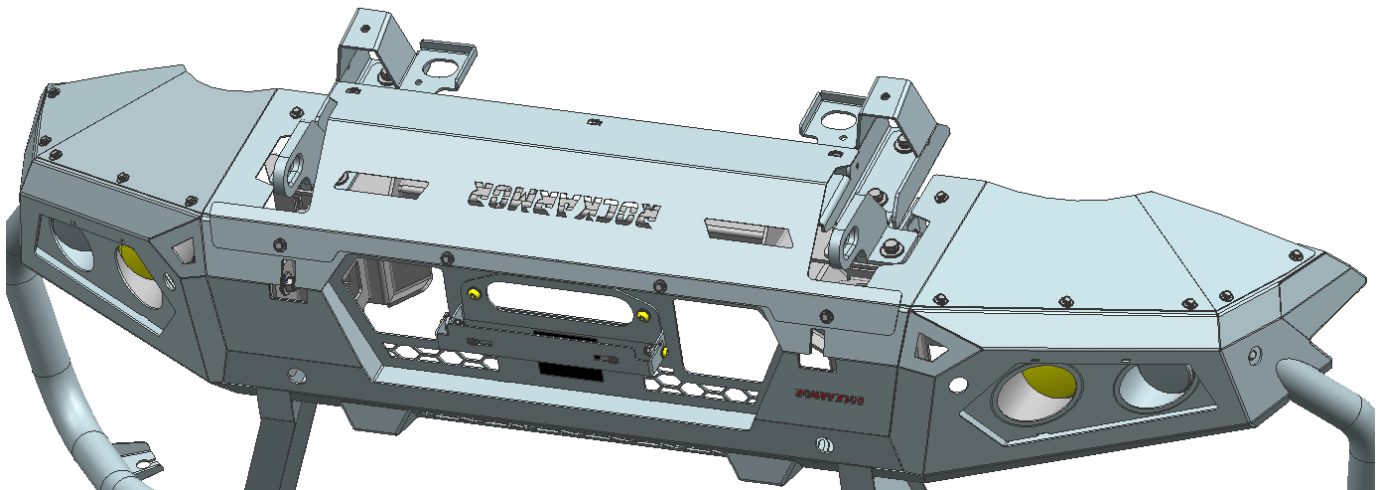
Hexagonal head bolt M12X40+ Spring Washer D12+2* D12x32_3 Washer + Hexagonal head Nut M12X1.75



ROCKARMOR Fitting instruction



7. Install item 9&10&11



8. Install item 21



ROCKARMOR Fitting instruction

9. Test and make sure that the guard is steadily fixed, fully tighten all hardware
10. Installation is finished, pick up all tools.

